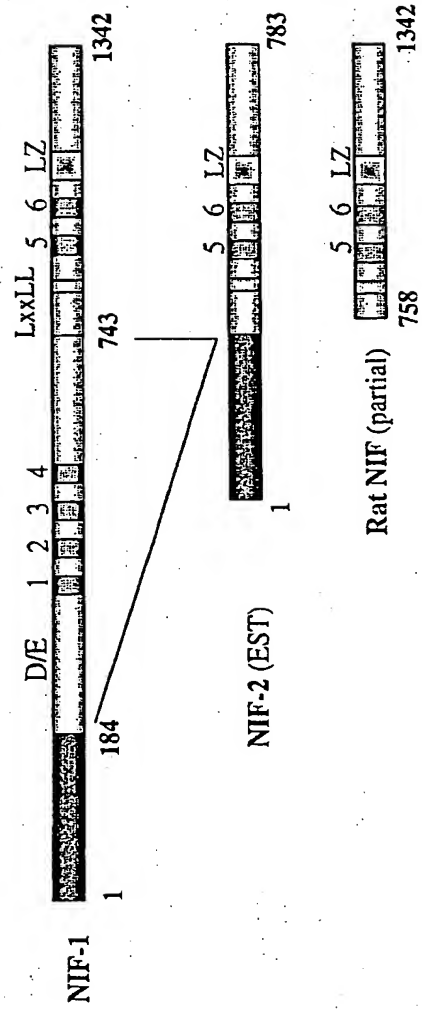


▼ \*SSQTLRPAVRQPADQ  
 MEENEVESSDAAPGPRPEEPSESGLVGTSEAVSADSSDAAAAPGQAEADDSGVGQSS 60  
 DRGSRSQEEVSESSSSADPLPNSYLPDSSSVSHGVPVAGVTGGPPALVHSSALPDPNMLVS 120  
 DCTASSSDLGSAIDKIIESTIGPDLIQNCITVTSADGGAETTRYLILQGPDDGAPMTSP 180  
 MSSSTLAHSLAAIEALADGPTSTSTCLEAQGGPSSPVQLPPASGAEEPDLQSLEAMMEVV 240  
 VVQQFKCKMCQYRSSTKATLLRHRERHFRPVAAAAAAGKKGRLRKWSTSTKSQEEEGP 300  
 EEEDDDDIVDACAIDLEEDSDYNPAEDEPRGRQLRLQRPSTPRPRRRPGRPRKLPRL 360  
 EISDLPDGVGEPLVSSQSGQSPPEPQDPEAPSSSGPGLVAMGKVSRTPEAGVSQSDA 420  
 ENAAPSCPDEHDTLPRRRGRPSRRFLGKKYRKYYYKSPKPLLRPFLCRICGSRFLSHEDI 480  
 RFHVNSHEAGDPQLFKCLQCSYRSRRWSSLKEHMFNVGSKPYKCDECSYTSVYRKDVIR 540  
 HAAVHSRDRKRPDPTPKLSSFFCPVCGRVYPMQKRLTQHMKTHSTKPHMCDKCGKSF 600  
 KRYTFKMHLTHIQAVANRRFCEPCEFCEDKKALLNHQLSHVSDKPFKCSFCPYRTFR 660  
 EDFLLSHVAVKHTGAKPFACEYCHFSTRHKKNLRLHVRCHASSFEWGRRHPEEPSRR 720  
 RPFFSLQOIEELKQOHSAAAGPPPPSSPGPPEIPPEATTFQSSEAPSLLCSDTLGGATIY 780  
 QQGAEEESTAMATQTLDLLNMSAQRELGGTALQVAVVKSEDVEAGLASPGGQPSPEGAT 840  
 PQVVTLHVAEPGGGAAAESQLGPPDLQITLAPGPFGGTGYSVITAPPMEEGTSA PGTPY 900  
 SEEPAGEAAQAVVSDTLKEAGTHYIMATDGTQLHHIELTADGSI SFPSDALASGAKWP 960  
 LLQCGGLPRDGPPEPPSPAKTHCVGDSQSSASSPPATSKALGLAVPPSPPSAATAASKKFS 1020  
 CKICAEAFPGRAEMESHKRAHAGPGAFCPCDCPFSARQWPEVRAHMAQHSSSLRPHQCSQC 1080  
 SFASKNKKDLRRHMLTHTKEKPFAHLCGQRFNRNGHLKFHIOQLHSPDGRKSGTPTARA 1140  
 PTQTPTQTIILNSDDETLATLHTALQSSHGVLSPERLQOALSQEHIIVAQEQTVTNQEEA 1200  
 AYIQEITTADGQTVQHLVTSNDQVQYIISQDGVQHLLPQEYVVVPEGHHIQVQEGQITHI 1260  
 QYEQGAFLQESQIQYVPVSPGQQLVTQAQLEAAAHSAVTAVADAAMAQAQGLFGTDETV 1320  
 PEHIQQLQHOGIEYDVITLADD\* 1342

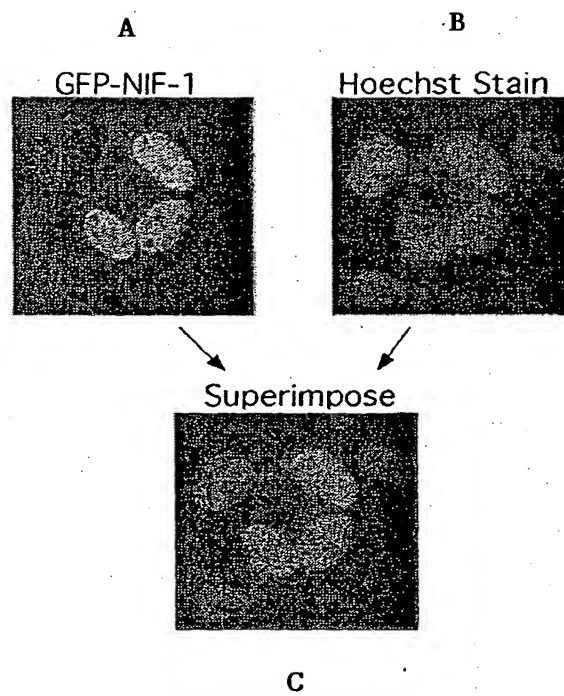
FIG. 1A

Human NIF-1	592	Zn3	Zn4	LXXLL
Chick NIF	CDKCGKSFKKRYTFKMHLLTH	CEFCEDKKALLNHQLSH	ATQTALDLLLLNMSAQREL	
Rat NIF	.....	.DY.....V.....	.....T.....	
Human NIF-1		Zn5	Zn6	Leu zipper-like
Chick NIF	CKICAEAFPGPAEMESHKRAH	CHLCGQRFNRNGHLKFIQRLH	LNSDDETLATLHTALQSSHGVL	
Rat NIF	LQDLHSHVYRESRNGESQESH	.QI.....M.....	...ED....Q....GQA..	
	..V.S....S.....	..V.....I.....	...EEE.....F..N..T.	

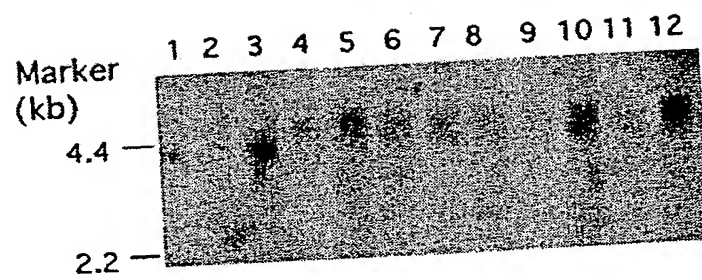
**FIG. 1B**



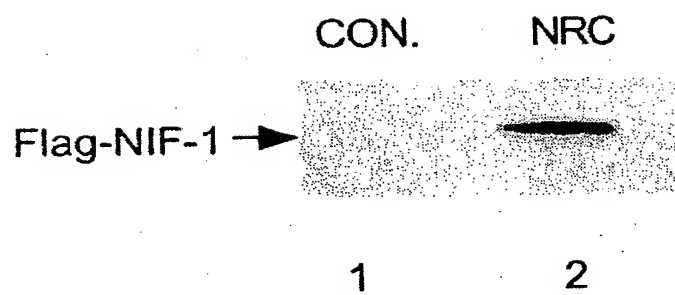
**FIG. 1C**



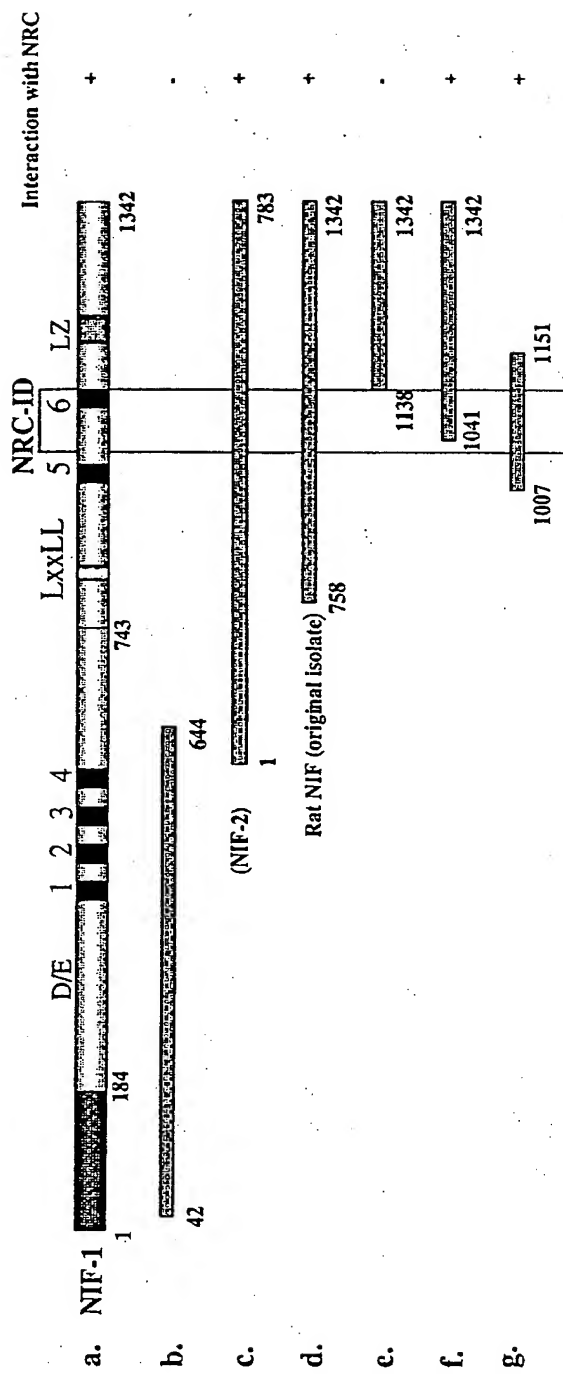
**FIG. 2**



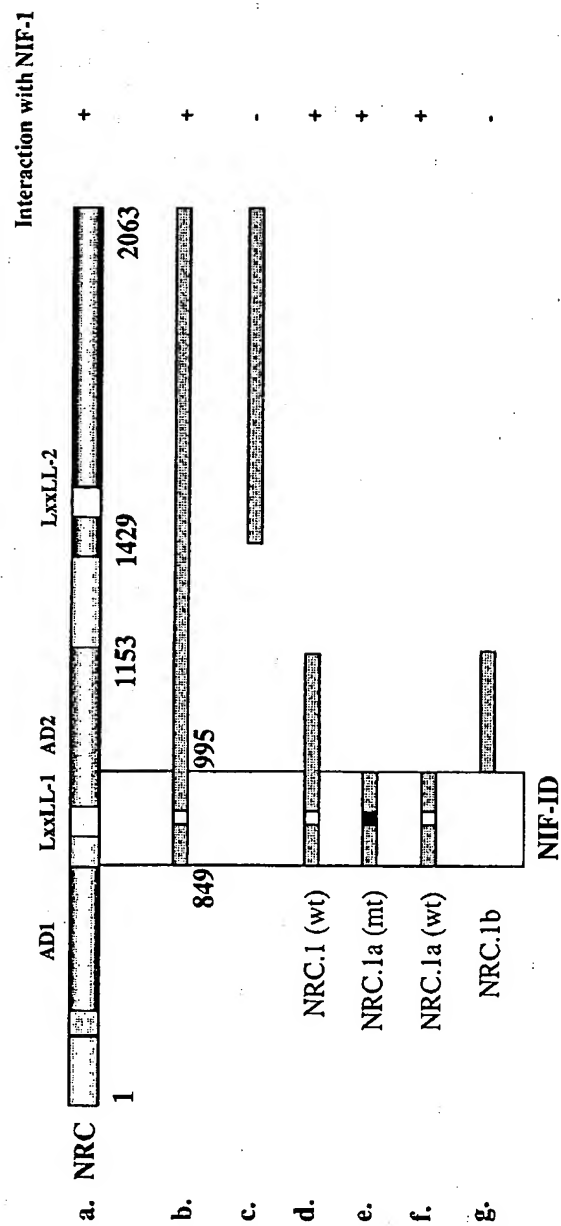
**FIG. 3**



**FIG. 4**

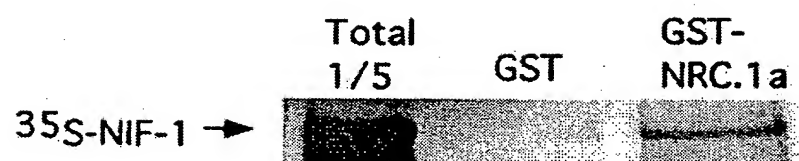


**FIG. 5**



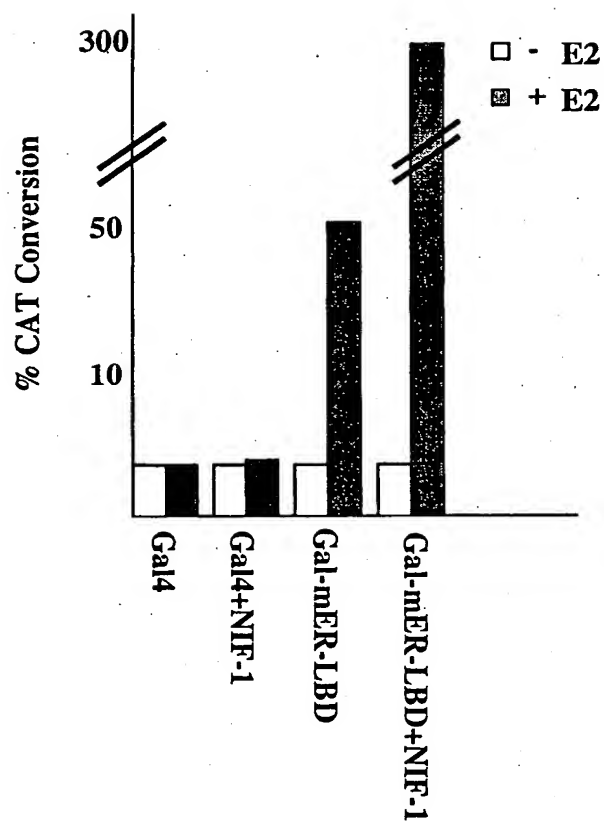
**FIG. 6A**



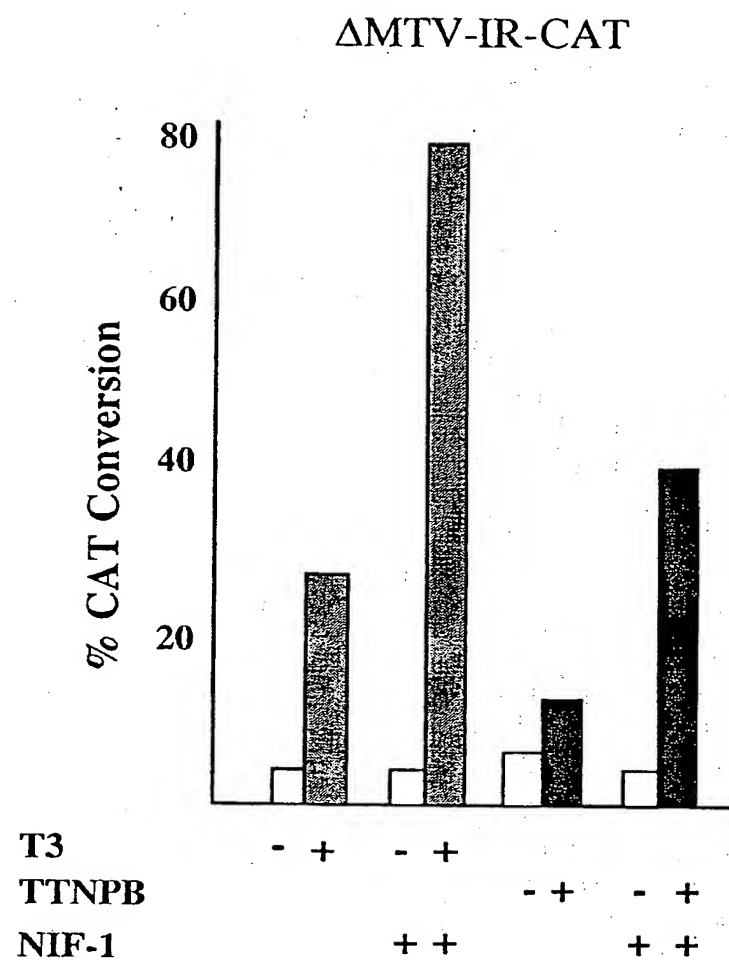


**FIG. 6B**

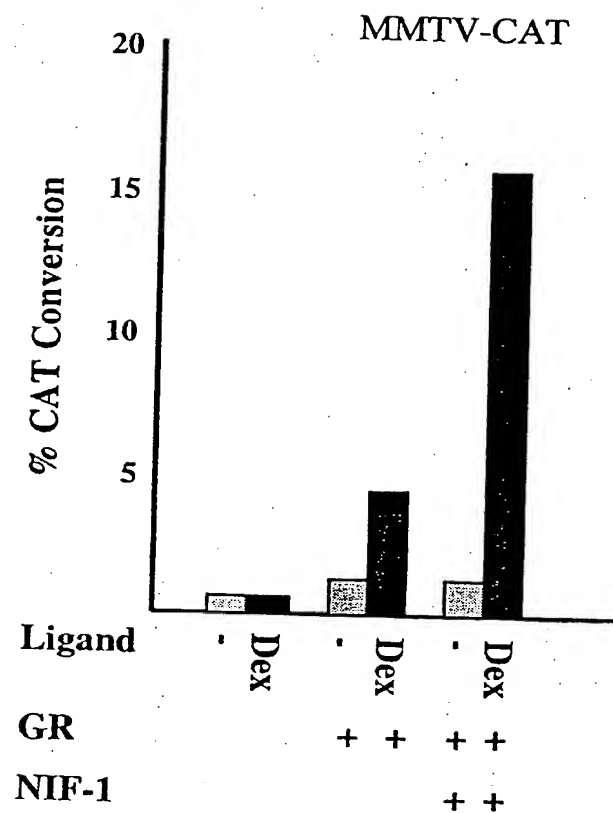




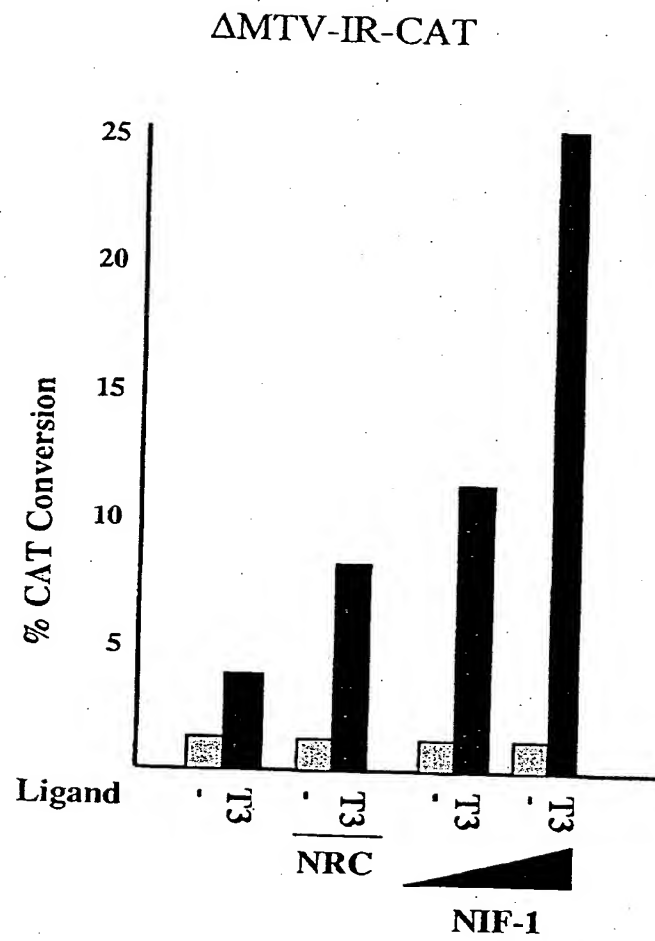
**FIG. 8**



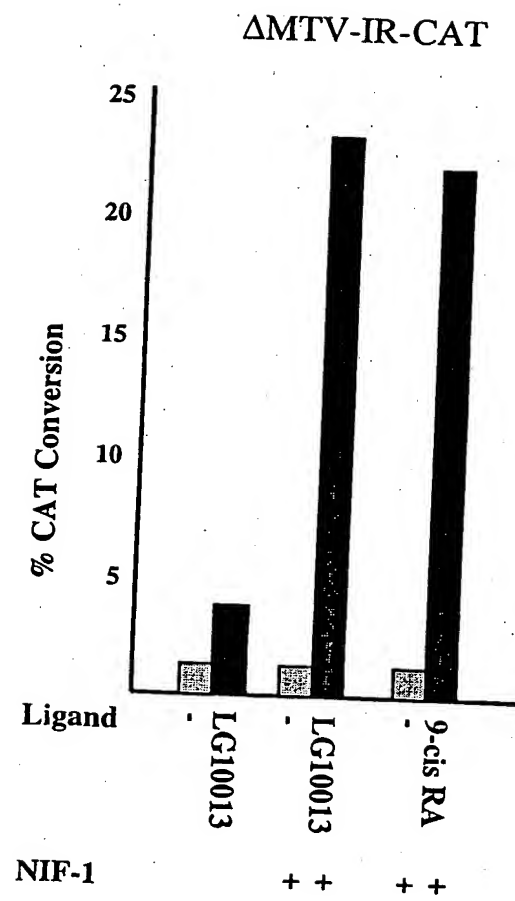
**FIG. 9A**



**FIG. 9B**



**FIG. 10A**



**FIG. 10B**

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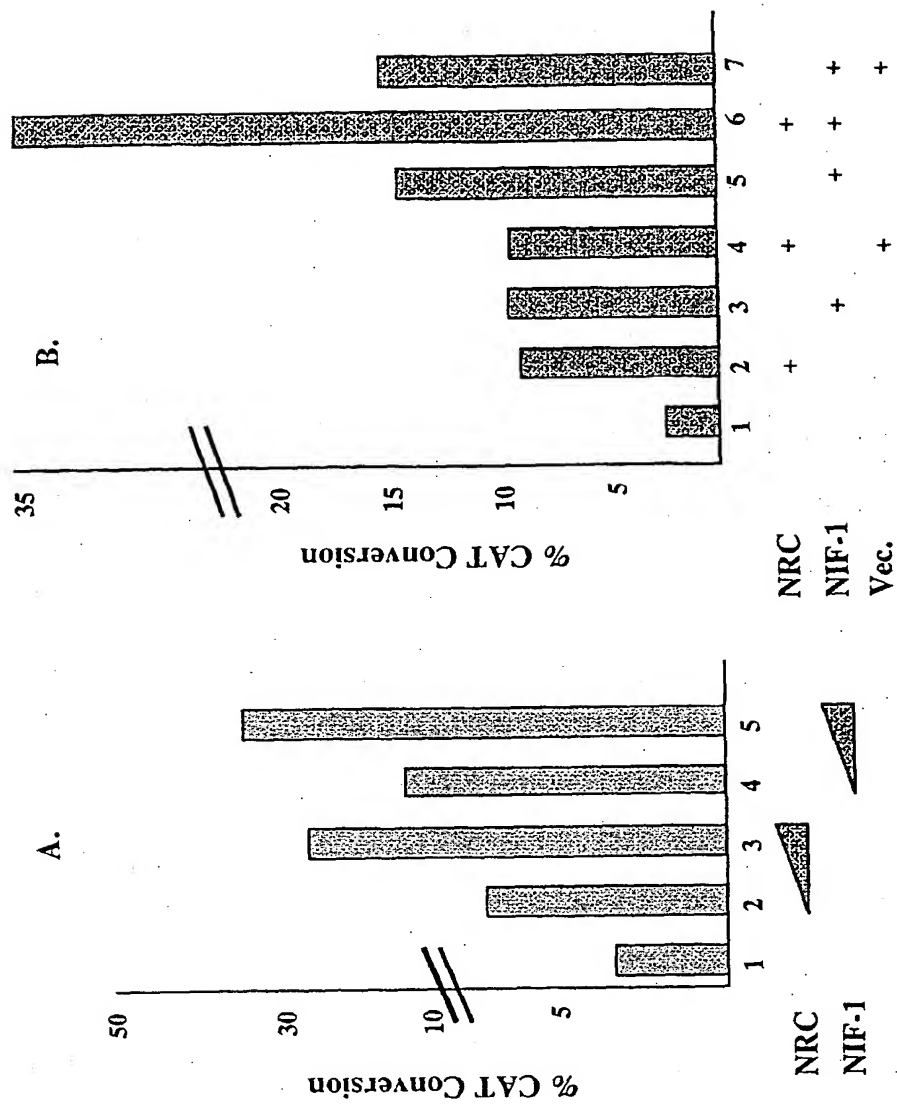


FIG. 11